

Notice of Allowability

Application No.

10/055,251

Examiner

John L. Goff

Applicant(s)

PANICO ET AL.

Art Unit

1733

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the RCE filed 4/3/06.
2. ☒ The allowed claim(s) is/are 12,15,17,26 and 32.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☒ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☒ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☒ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☒ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date 08/02/06.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Michael Diener on 8/2/06.

2. The application has been amended as follows:

In the Claims:

3. In claim 12, line 2 after "pulsed" insert - - ultraviolet - -. It is noted support for pulsed ultraviolet light is found on page 2, lines 20-25.
4. In claim 15, lines 5 and 6 delete ", the system further including" and insert therein - - and - -. It is noted this change is made for clarity regarding the first and second rings of the lamp.
5. In claim 15, line 6 delete "coaxial" and insert therein - - concentric - -. It is noted applicants have shown by way of the definition submitted 6/6/05 that concentric rings are those having a common axis whereby claim 17 requiring the second ring positioned closer to the DVD than the first is considered proper requiring the ring configuration shown in Figure 4. The 35 USC 112 second paragraph rejection of claim 17 is withdrawn.
6. Claims 12, 15, 17, 26, and 32 are allowed.

DRAWINGS

7. A PTO-948 indicating changes to the drawings required by the draftsman is attached.

REASONS FOR ALLOWANCE

8. The following is an examiner's statement of reasons for allowance:

Regarding claims 12 and 26:

The prior art of record fails to teach or suggest a system for processing a DVD comprising **a pulsed lamp for directing pulsed ultraviolet light to the DVD wherein the lamp has first and second separately energized rings, each of the first and second rings being in a different plane** with each in a plane parallel to the DVD.

Regarding claims 15, 17, and 32:

The prior art of record fails to teach or suggest a system comprising **a DVD lying in a first plane with a hole in the center, a pulsed lamp for directing pulsed light to the DVD wherein the lamp lies in a second plane parallel to the first plane and the lamp includes first and second concentric rings that have a different radius and are separated, and a contoured reflector positioned to reflect light from the lamp to the DVD, the reflector being configured to provide less light to the center of the DVD where the hole is located and more light to the periphery of the DVD.**

Levy (U.S. Patent 2,472,597) discloses a lamp capable of being pulsed for directing visible light wherein the lamp has first and second separately energized rings, each of the first and second rings being in a different plane (Figure 1 and Column 5, lines 1-6 and 46-50). There is no teaching or suggestion in Levy for the lamp to direct pulsed ultraviolet light. There is no

Art Unit: 1733

teaching or suggestion in Levy to include a DVD with a hole in the center or a contoured reflector configured to provide less light to the center of the DVD where the hole is located and more light to the periphery of the DVD.

Fry (U.S. Patent 2,814,721) discloses a lamp capable of being pulsed for directing visible light wherein the lamp has first and second energized rings, each of the first and second rings being in a different plane and having a different radius (Figure 2). There is no teaching or suggestion in Fry for the lamp to direct pulsed ultraviolet light. There is no teaching or suggestion in Fry to include a DVD with a hole in the center or a contoured reflector configured to provide less light to the center of the DVD where the hole is located and more light to the periphery of the DVD.

Lee et al. (U.S. Patent 5,569,928) disclose a lamp capable of being pulsed for directing ultraviolet light wherein the lamp has first and second rings (Figure 3). There is no teaching or suggestion in Lee et al. for the rings to be separately energized. There is no teaching or suggestion in Lee et al. to include a DVD with a hole in the center or a contoured reflector configured to provide less light to the center of the DVD where the hole is located and more light to the periphery of the DVD.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Art Unit: 1733

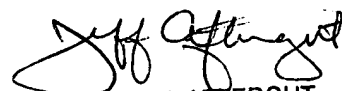
9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to **John L. Goff** whose telephone number is **(571) 272-1216**. The examiner can normally be reached on M-F (7:15 AM - 3:45 PM).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Richard Crispino can be reached on (571) 272-1226. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



John L. Goff



JEFF H. AFTERGUT
PRIMARY EXAMINER
GROUP 1300